

# What is the Climate Action Plan?

The Climate Action Plan (CAP) is a strategy for reducing Carlsbad's greenhouse gas (GHG) emissions in accordance with state law. The CAP will include goals, policies, and actions for Carlsbad to reduce GHG emissions and combat climate change. It will enable streamlined environmental review of future development projects in the city in accordance with the California Environmental Quality Act (CEQA) and statewide GHG reduction targets. The timeframe for the CAP extends from the date of adoption through 2035.

## WHAT DOES THE CAP CONTAIN?

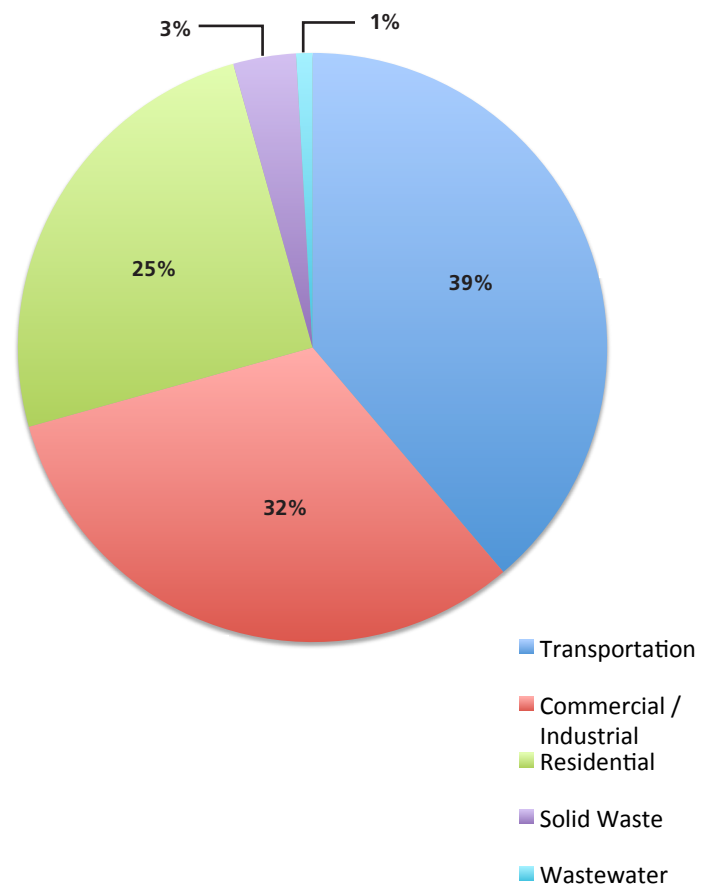
- An inventory of the Carlsbad's citywide and local government GHG emissions
- Forecasts of future citywide and local government GHG emissions
- Emissions targets set by the state for 2020 and 2035
- A comprehensive, citywide strategy and actions that demonstrate Carlsbad's commitment to achieve state 2020 and 2035 GHG reduction targets by creating enforceable measures, and monitoring and reporting processes to ensure targets are met

## 2011 CITYWIDE EMISSIONS INVENTORY BY SECTOR

SECTOR	2011 EMISSIONS (METRIC TONS CO <sub>2</sub> EQUIVALENTS)
<b>Transportation:</b> Vehicle & Public Transportation	273,745*
<b>Commercial &amp; Industrial:</b> Buildings & Manufacturing	224,960
<b>Residential:</b> Building Energy Use	176,405
<b>Solid Waste:</b> Methane & Transport	24,317
<b>Wastewater:</b> Treatment & Conveyance	6,317
<b>TOTAL</b>	<b>705,744**</b>

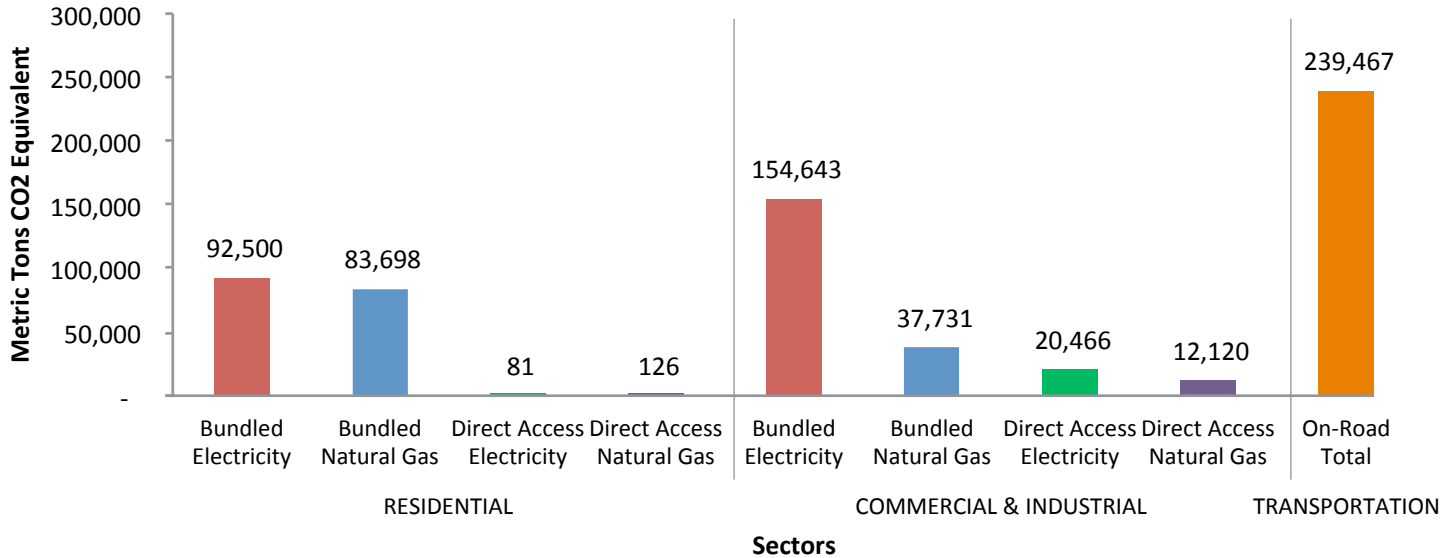
\* Excludes emissions from through trips neither originating nor ending in Carlsbad and emissions from McClellan-Palomar Airport.

\*\* Local government emissions account for 8,205 MTCO<sub>2</sub>e (about 1.2%) of total citywide emissions.



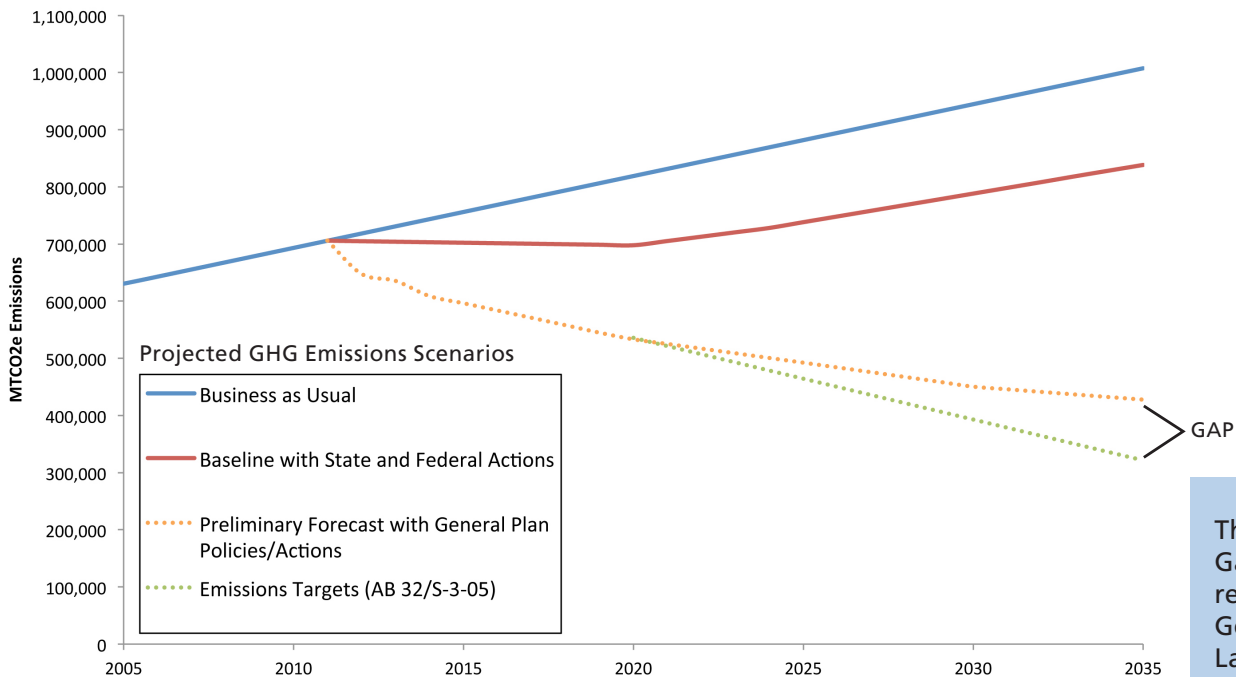
## 2011 EMISSION SOURCES FOR THE THREE LARGEST SECTORS

The following chart shows emission sources for the three largest sectors.



## FORECAST OF FUTURE EMISSIONS

Preliminary Business-as-Usual Forecast, Baseline Forecast with State and Federal Actions, Preliminary Forecast with General Plan Policies and Emissions Targets.



The 2035 GHG Gap, with the reductions from General Plan Land Use Policies and Actions, is approximately: **100,000 MTCO<sub>2</sub>e**